

Product datasheet for **TA333626**

C1orf124 (SPRTN) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-SPRTN Antibody is: synthetic peptide directed towards the middle region of Human SPRTN. Synthetic peptide located within the following region: ATNREPSAHDYWWAEHQKTCGGTYIKIKEPENYSKKGKAKLGKEPVLA
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	55 kDa
Gene Name:	SprT-like N-terminal domain
Database Link:	NP_114407 Entrez Gene 83932 Human Q9H040
Background:	SPRTN is a regulator of UV-induced DNA damage response: acts as a 'reader' of ubiquitinated PCNA that enhances RAD18-mediated PCNA ubiquitination and translesion DNA synthesis. SPRTN is recruited to sites of UV damage and interacts with ubiquitinated PCNA and RAD18, the E3 ubiquitin ligase that monoubiquitinates PCNA. It facilitates chromatin association of RAD18 and is required for efficient PCNA monoubiquitination, promoting a feed-forward loop to enhance PCNA ubiquitination and translesion DNA synthesis. It is also required for localization of DNA polymerase eta (POLH) to sites of UV damage.



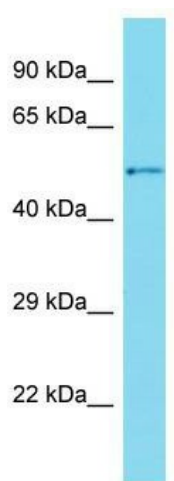
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Synonyms: C1orf124; DVC1; PRO4323; spartan

Note: Immunogen sequence homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Bovine: 100%; Mouse: 92%; Rabbit: 92%; Guinea pig: 92%

Protein Families: Druggable Genome

Product images:



Host: Rabbit; Target Name: SPRTN; Sample Tissue: MCF7 Whole Cell lysates; Antibody Dilution: 1.0 ug/ml.